CONTROL UNIT FOR A CAPACITIVE ACTUATOR

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US5543679
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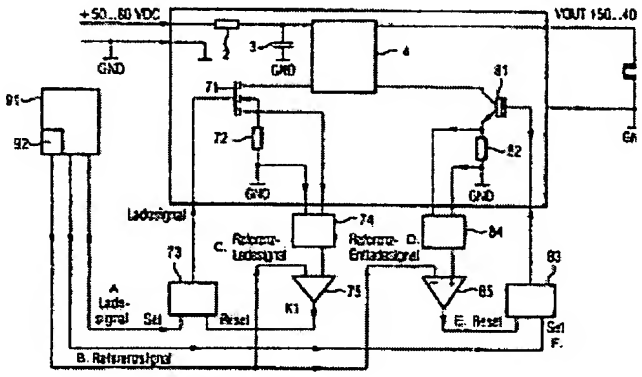
Abstract of **WO0133061**

The invention relates to a capacitive actuator, especially a piezoactuator in a fuel injection device, which is controlled by means of an output stage that is embodied as a fly back converter having a transformer. A charging and/or discharging device comprising a switching transistor that is switched into a connecting state by means of a pulse-width modulated signal is provided. The pulse duty factor of the pulse-width modulated signal is determined in such a way that the transistor remains in the connecting state until a current value which is measured on the transistor matches a variable reference current value.



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